

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Canceled)

9. (Currently amended) ~~The apparatus according to claim 7, wherein A~~ display apparatus capable of illuminating a light modulation device with a light from a light emitting source to display an image on a display plane, the apparatus comprising:

a plurality of light emitting bodies different from one another in emitted light color;

a light receiving device configured to detect the light from the light emitting bodies and to output an amount of light received;

a color balance adjustment control section configured to adjust and control a color balance in the display plane in accordance with the amount of light received by the light receiving device, and capable of identifying the emitted light colors of each of the light emitting bodies relating to the amount of light received;

wherein the color balance adjustment control section comprises an emitted light amount adjustment control section configured to control lighting so as to adjust the amount of light emitted by the light emitting bodies in adjusting and controlling the color balance in the display plane; and

the emitted light amount adjustment control section decreases a supply current into the light emitting ~~body~~ bodies relating to at least any one of different emitted light colors as compared with that before the adjustment in such a manner that the amount of light emitted of each of the different emitted light colors satisfies an emitted light amount ratio between the emitted light colors required for keeping the color balance in adjusting and controlling the color balance in the display plane.

10. (Currently amended) ~~The apparatus according to claim 9, wherein~~ A display apparatus capable of illuminating a light modulation device with a light from a light emitting source to display an image on a display plane, the apparatus comprising:

a plurality of light emitting bodies different from one another in emitted light color;

a light receiving device configured to detect the light from the light emitting bodies and to output an amount of light received;

a color balance adjustment control section configured to adjust and control a color balance in the display plane in accordance with the amount of light received by the light receiving device, and capable of identifying the emitted light colors of each of the light emitting bodies relating to the amount of light received;

wherein the color balance adjustment control section comprises an emitted light amount adjustment control section configured to control lighting so as to adjust the amount of light emitted by the light emitting bodies in adjusting and controlling the color balance in the display plane; and

the emitted light amount adjustment control section in adjusting and controlling the color balance in the display plane is configured to be capable of switching to:

a life priority mode in which ~~the~~ a supply current into the light emitting ~~body~~ bodies relating to at least any one of the different emitted light colors is decreased as compared with that before the adjustment; and

a brightness priority mode in which the supply current into the light emitting ~~body~~ bodies relating to at least any one of the different emitted light colors is increased as compared with that before the adjustment.

11. (Currently amended) ~~The apparatus according to claim 7, wherein~~ A display apparatus capable of illuminating a light modulation device with a light from a light emitting source to display an image on a display plane, the apparatus comprising:

a plurality of light emitting bodies different from one another in emitted light color;

a light receiving device configured to detect the light from the light emitting bodies and to output an amount of light received;

a color balance adjustment control section configured to adjust and control a color balance in the display plane in accordance with the amount of light received by the light receiving device, and capable of identifying the emitted light colors of each of the light emitting bodies relating to the amount of light received;

wherein the color balance adjustment control section comprises an emitted light amount adjustment control section configured to control lighting so as to adjust the amount of light emitted by the light emitting bodies in adjusting and controlling the color balance in the display plane; and

the emitted light amount adjustment control section increases a supply current into the light emitting body ~~bodies~~ relating to at least any one of different emitted light colors as compared with that before the adjustment in such a manner that the amount of light emitted ~~of~~ by each of the different emitted light colors satisfies an emitted light amount ratio between the emitted light colors required for keeping the color balance in adjusting and controlling the color balance in the display plane.

12-24. (Canceled)

25. (Currently amended) ~~The apparatus according to claim 1, further comprising~~ A display apparatus capable of illuminating a light modulation device

with a light from a light emitting source to display an image on a display plane, the apparatus comprising:

a plurality of light emitting bodies different from one another in emitted light color;

a light receiving device configured to detect the light from the light emitting bodies and to output an amount of light received;

a color balance adjustment control section configured to adjust and control a color balance in the display plane in accordance with the amount of light received by the light receiving device, and capable of identifying the emitted light colors of each of the light emitting bodies relating to the amount of light received; and

a mode switch section constituted to be capable of switching a display mode and an adjustment mode,

wherein the display mode is a state in which the image is displayed on the display plane in accordance with a video signal, and

the adjustment mode is a state in which image data to be inputted into the light modulation device is a calibration image suitable for the color balance adjustment control section to adjust the color balance, when the light receiving device detects the light amount.

26. (Original) The apparatus according to claim 25, wherein the mode switch section switches the mode in accordance with a user's operation.

27-32. (Canceled)

33. (Currently amended) ~~The apparatus according to claim 1,~~ A display apparatus capable of illuminating a light modulation device with a light from a light emitting source to display an image on a display plane, the apparatus comprising:

a plurality of light emitting bodies different from one another in emitted light color;

a light receiving device configured to detect the light from the light emitting bodies and to output an amount of light received;

a color balance adjustment control section configured to adjust and control a color balance in the display plane in accordance with the amount of light received by the light receiving device, and capable of identifying the emitted light colors of each of the light emitting bodies relating to the amount of light received;

wherein the color balance adjustment control section ~~includes~~ is configured:

~~a function of detecting to detect~~ a state in which predetermined conditions are not satisfied in adjusting the color balance; and

~~a function of notifying to notify~~ a user of ~~this~~ said state in a manner recognizable ~~state to the user~~ with the detection of the state.

34-44. (Canceled)